

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/541, 886  
Source: IFWP  
Date Processed by STIC: 9/6/06

# ***ENTERED***

CRF Errors Edited by the STIC Systems Branch

Serial Number: \_\_\_\_\_

CRF Edit Date: \_\_\_\_\_

Edited by: \_\_\_\_\_

\_\_\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

✓ Deleted: \_\_\_\_\_ invalid beginning/end-of-file text ; \_\_\_\_\_ page numbers

\_\_\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

✓ Other:

\_\_\_\_\_ inserted spacing & indentation  
\_\_\_\_\_ FOR Seq ID # 1.  
\_\_\_\_\_

Revised 09/09/2003



IFWP

## RAW SEQUENCE LISTING

DATE: 09/06/2006

PATENT APPLICATION: US/10/541,886

TIME: 14:40:37

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\09052006\J541886.raw

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2 <110> APPLICANT: Bayer AG, BHC
W--> 3 <120> TITLE OF INVENTION: Method for inhibiting the replication of
herpesviruses
W--> 4 <130> FILE REFERENCE: Le A 36 269
C--> 5 <140> CURRENT APPLICATION NUMBER: US/10/541,886
C--> 5 <141> CURRENT FILING DATE: 2005-07-07
W--> 5 <160> NUMBER OF SEQ ID: 1
6 <170> SOFTWARE: PatentIn version 3.1
W--> 7 <210> SEQ ID NO: 1
8 <211> LENGTH: 1370
9 <212> TYPE: PRT
10 <213> ORGANISM: Human cytomegalovirus
W--> 11 <400> SEQUENCE: 1
12 Met Glu Asn Trp Ser Ala Leu Glu Leu Leu Pro Lys Val Gly Ile Pro
13 1 5 10 15
14 Thr Asp Phe Leu Thr His Val Lys Thr Ser Ala Gly Glu Glu Met Phe
15 20 25 30
16 Glu Ala Leu Arg Ile Tyr Tyr Gly Asp Asp Pro Glu Arg Tyr Asn Ile
17 35 40 45
18 His Phe Glu Ala Ile Phe Gly Thr Phe Cys Asn Arg Leu Glu Trp Val
19 50 55 60
20 Tyr Phe Leu Thr Ser Gly Leu Ala Ala Ala Ala His Ala Ile Lys Phe
21 65 70 75 80
22 His Asp Leu Asn Lys Leu Thr Thr Gly Lys Met Leu Phe His Val Gln
23 85 90 95
24 Val Pro Arg Val Ala Ser Gly Ala Gly Leu Pro Thr Ser Arg Gln Thr
25 100 105 110
26 Thr Ile Met Val Thr Lys Tyr Ser Glu Lys Ser Pro Ile Thr Ile Pro
27 115 120 125
28 Phe Glu Leu Ser Ala Ala Cys Leu Thr Tyr Leu Arg Glu Thr Phe Glu
29 130 135 140
30 Gly Thr Ile Leu Asp Lys Ile Leu Asn Val Glu Ala Met His Thr Val
31 145 150 155 160
32 Leu Arg Ala Leu Lys Asn Thr Ala Asp Ala Met Glu Arg Gly Leu Ile
33 165 170 175
34 His Ser Phe Leu Gln Thr Leu Leu Arg Lys Ala Pro Pro Tyr Phe Val
35 180 185 190
36 Val Gln Thr Leu Val Glu Asn Ala Thr Leu Ala Arg Gln Ala Leu Asn
37 195 200 205
38 Arg Ile Gln Arg Ser Asn Ile Leu Gln Ser Phe Lys Ala Lys Met Leu
39 210 215 220
40 Ala Thr Leu Phe Leu Leu Asn Arg Thr Arg Asp Arg Asp Tyr Val Leu
41 225 230 235 240
42 Lys Phe Leu Thr Arg Leu Ala Glu Ala Ala Thr Asp Ser Ile Leu Asp

```

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Input Set : A:\PTO.KD.txt

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43          245          250          255
44 Asn Pro Thr Thr Tyr Thr Thr Ser Ser Gly Ala Lys Ile Ser Gly Val
45          260          265          270
46 Met Val Ser Thr Ala Asn Val Met Gln Ile Ile Met Ser Leu Leu Ser
47          275          280          285
48 Ser His Ile Thr Lys Glu Thr Val Ser Ala Pro Ala Thr Tyr Gly Asn
49          290          295          300
50 Phe Val Leu Ser Pro Glu Asn Ala Val Thr Ala Ile Ser Tyr His Ser
51 305          310          315          320
52 Ile Leu Ala Asp Phe Asn Ser Tyr Lys Ala His Leu Thr Ser Gly Gln
53          325          330          335
54 Pro His Leu Pro Asn Asp Ser Leu Ser Gln Ala Gly Ala His Ser Leu
55          340          345          350
56 Thr Pro Leu Ser Met Asp Val Ile Arg Leu Gly Glu Lys Thr Val Ile
57          355          360          365
58 Met Glu Asn Leu Arg Arg Val Tyr Lys Asn Thr Asp Thr Lys Asp Pro
59          370          375          380
60 Leu Glu Arg Asn Val Asp Leu Thr Phe Phe Phe Pro Val Gly Leu Tyr
61 385          390          395          400
62 Leu Pro Glu Asp Arg Gly Tyr Thr Thr Val Glu Ser Lys Val Lys Leu
63          405          410          415
64 Asn Asp Thr Val Arg Asn Ala Leu Pro Thr Thr Ala Tyr Leu Leu Asn
65          420          425          430
66 Arg Asp Arg Ala Val Gln Lys Ile Asp Phe Val Asp Ala Leu Lys Thr
67          435          440          445
68 Leu Cys His Pro Val Leu His Glu Pro Ala Pro Cys Leu Gln Thr Phe
69          450          455          460
70 Thr Glu Arg Gly Pro Pro Ser Glu Pro Ala Met Gln Arg Leu Leu Glu
71 465          470          475          480
72 Cys Arg Phe Gln Gln Glu Pro Met Gly Gly Ala Ala Arg Arg Ile Pro
73          485          490          495
74 His Phe Tyr Arg Val Arg Arg Glu Val Pro Arg Thr Val Asn Glu Met
75          500          505          510
76 Lys Gln Asp Phe Val Val Thr Asp Phe Tyr Lys Val Gly Asn Ile Thr
77          515          520          525
78 Leu Tyr Thr Glu Leu His Pro Phe Phe Asp Phe Thr His Cys Gln Glu
79          530          535          540
80 Asn Ser Glu Thr Val Ala Leu Cys Thr Pro Arg Ile Val Ile Gly Asn
81 545          550          555          560
82 Leu Pro Asp Gly Leu Ala Pro Gly Pro Phe His Glu Leu Arg Thr Trp
83          565          570          575
84 Glu Ile Met Glu His Met Arg Leu Arg Pro Pro Pro Asp Tyr Glu Glu
85          580          585          590
86 Thr Leu Arg Leu Phe Lys Thr Thr Val Thr Ser Pro Asn Tyr Pro Glu
87          595          600          605
88 Leu Cys Tyr Leu Val Asp Val Leu Val His Gly Asn Val Asp Ala Phe
89          610          615          620
90 Leu Leu Ile Arg Thr Phe Val Ala Arg Cys Ile Val Asn Met Phe His
91 625          630          635          640

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/541,886

DATE: 09/06/2006

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Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\09052006\J541886.raw

```

92 Thr Arg Gln Leu Leu Val Phe Ala His Ser Tyr Ala Leu Val Thr Leu
93          645          650          655
94 Ile Ala Glu His Leu Ala Asp Gly Ala Leu Pro Pro Gln Leu Leu Phe
95          660          665          670
96 His Tyr Arg Asn Leu Val Ala Val Leu Arg Leu Val Thr Arg Ile Ser
97          675          680          685
98 Ala Leu Pro Gly Leu Asn Asn Gly Gln Leu Ala Glu Glu Pro Leu Ser
99          690          695          700
100 Ala Tyr Val Asn Ala Leu His Asp His Arg Leu Trp Pro Pro Phe Val
101 705          710          715          720
102 Thr His Leu Pro Arg Asn Met Glu Gly Val Gln Val Val Ala Asp Arg
103          725          730          735
104 Gln Pro Leu Asn Pro Ala Asn Ile Glu Ala Arg His His Gly Val Ser
105          740          745          750
106 Asp Val Pro Arg Leu Gly Ala Met Asp Ala Asp Glu Pro Leu Phe Val
107          755          760          765
108 Asp Asp Tyr Arg Ala Thr Asp Asp Glu Trp Thr Leu Gln Lys Val Phe
109          770          775          780
110 Tyr Leu Cys Leu Met Pro Ala Met Thr Asn Asn Arg Ala Cys Gly Leu
111 785          790          795          800
112 Gly Leu Asn Leu Lys Thr Leu Leu Val Asp Leu Phe Tyr Arg Pro Ala
113          805          810          815
114 Phe Leu Leu Met Pro Ala Ala Thr Ala Val Ser Thr Ser Gly Thr Thr
115          820          825          830
116 Ser Lys Glu Ser Thr Ser Gly Val Thr Pro Glu Asp Ser Ile Ala Ala
117          835          840          845
118 Gln Arg Gln Ala Val Gly Glu Met Leu Thr Glu Leu Val Glu Asp Val
119          850          855          860
120 Ala Thr Asp Ala His Thr Pro Leu Leu Gln Ala Cys Arg Glu Leu Phe
121 865          870          875          880
122 Leu Ala Val Gln Phe Val Gly Glu His Val Lys Val Leu Glu Val Arg
123          885          890          895
124 Ala Pro Leu Asp His Ala Gln Arg Gln Gly Leu Pro Asp Phe Ile Ser
125          900          905          910
126 Arg Gln His Val Leu Tyr Asn Gly Cys Cys Val Val Thr Ala Pro Lys
127          915          920          925
128 Thr Leu Ile Glu Tyr Ser Leu Pro Val Pro Phe His Arg Phe Tyr Ser
129          930          935          940
130 Asn Pro Thr Ile Cys Ala Ala Leu Ser Asp Asp Ile Lys Arg Tyr Val
131 945          950          955          960
132 Thr Glu Phe Pro His Tyr His Arg His Asp Gly Gly Phe Pro Leu Pro
133          965          970          975
134 Thr Ala Phe Ala His Glu Tyr His Asn Trp Leu Arg Ser Pro Phe Ser
135          980          985          990
136 Arg Tyr Ser Ala Thr Cys Pro Asn Val Leu His Ser Val Met Thr Leu
137          995          1000          1005
138 Ala Ala Met Leu Tyr Lys Ile Ser Pro Val Ser Leu Val Leu Gln
139          1010          1015          1020
140 Thr Lys Ala His Ile His Pro Gly Phe Ala Leu Thr Ala Val Arg

```

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141	1025					1030					1035				
142	Thr	Asp	Thr	Phe	Glu	Val	Asp	Met	Leu	Leu	Tyr	Ser	Gly	Lys	Ser
143		1040					1045					1050			
144	Cys	Thr	Ser	Val	Ile	Ile	Asn	Asn	Pro	Ile	Val	Thr	Lys	Glu	Glu
145		1055					1060					1065			
146	Arg	Asp	Ile	Ser	Thr	Thr	Tyr	His	Val	Thr	Gln	Asn	Ile	Asn	Thr
147		1070					1075					1080			
148	Val	Asp	Met	Gly	Leu	Gly	Tyr	Thr	Ser	Asn	Thr	Cys	Val	Ala	Tyr
149		1085					1090					1095			
150	Val	Asn	Arg	Val	Arg	Thr	Asp	Met	Gly	Val	Arg	Val	Gln	Asp	Leu
151		1100					1105					1110			
152	Phe	Arg	Val	Phe	Pro	Met	Asn	Val	Tyr	Arg	His	Asp	Glu	Val	Asp
153		1115					1120					1125			
154	Arg	Trp	Ile	Arg	His	Ala	Ala	Gly	Val	Glu	Arg	Pro	Gln	Leu	Leu
155		1130					1135					1140			
156	Asp	Thr	Glu	Thr	Ile	Ser	Met	Leu	Thr	Phe	Gly	Ser	Met	Ser	Glu
157		1145					1150					1155			
158	Arg	Asn	Ala	Ala	Ala	Thr	Val	His	Gly	Gln	Lys	Ala	Ala	Cys	Glu
159		1160					1165					1170			
160	Leu	Ile	Leu	Thr	Pro	Val	Thr	Met	Asp	Val	Asn	Tyr	Phe	Lys	Ile
161		1175					1180					1185			
162	Pro	Asn	Asn	Pro	Arg	Gly	Arg	Ala	Ser	Cys	Met	Leu	Ala	Val	Asp
163		1190					1195					1200			
164	Pro	Tyr	Asp	Thr	Glu	Ala	Ala	Thr	Lys	Ala	Ile	Tyr	Asp	His	Arg
165		1205					1210					1215			
166	Glu	Ala	Asp	Ala	Gln	Thr	Phe	Ala	Ala	Thr	His	Asn	Pro	Trp	Ala
167		1220					1225					1230			
168	Ser	Gln	Ala	Gly	Cys	Leu	Ser	Asp	Val	Leu	Tyr	Asn	Thr	Arg	His
169		1235					1240					1245			
170	Arg	Glu	Arg	Leu	Gly	Tyr	Asn	Ser	Lys	Phe	Tyr	Ser	Pro	Cys	Ala
171		1250					1255					1260			
172	Gln	Tyr	Phe	Asn	Thr	Glu	Glu	Ile	Ile	Ala	Ala	Asn	Lys	Thr	Leu
173		1265					1270					1275			
174	Phe	Lys	Thr	Ile	Asp	Glu	Tyr	Leu	Leu	Arg	Ala	Lys	Asp	Cys	Ile
175		1280					1285					1290			
176	Arg	Gly	Asp	Thr	Asp	Thr	Gln	Tyr	Val	Cys	Val	Glu	Gly	Thr	Glu
177		1295					1300					1305			
178	Gln	Leu	Ile	Glu	Asn	Pro	Cys	Arg	Leu	Thr	Gln	Glu	Ala	Leu	Pro
179		1310					1315					1320			
180	Ile	Leu	Ser	Thr	Thr	Thr	Leu	Ala	Leu	Met	Glu	Thr	Lys	Leu	Lys
181		1325					1330					1335			
182	Gly	Gly	Ala	Gly	Ala	Phe	Ala	Thr	Ser	Glu	Thr	His	Phe	Gly	Asn
183		1340					1345					1350			
184	Tyr	Val	Val	Gly	Glu	Ile	Ile	Pro	Leu	Gln	Gln	Ser	Met	Leu	Phe
185		1355					1360					1365			
186	Asn	Ser													
187		1370													

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/541,886

DATE: 09/06/2006

TIME: 14:40:38

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\09052006\J541886.raw

L:3 M:283 W: Missing Blank Line separator, <120> field identifier  
L:4 M:283 W: Missing Blank Line separator, <130> field identifier  
L:5 M:270 C: Current Application Number differs, Replaced Current Application No  
L:5 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:5 M:283 W: Missing Blank Line separator, <160> field identifier  
L:7 M:283 W: Missing Blank Line separator, <210> field identifier  
L:11 M:283 W: Missing Blank Line separator, <400> field identifier

## **Raw Sequence Listing before editing (for reference only)**

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IFWP

## RAW SEQUENCE LISTING

DATE: 08/28/2006

PATENT APPLICATION: US/10/541,886

TIME: 10:30:24

Input Set : A:\SQL Le A 36 269.txt

Output Set: N:\CRF4\08282006\J541886.raw

2 <110> APPLICANT: Bayer AG, BHC  
W--> 3 <120> TITLE OF INVENTION: Method for inhibiting the replication of herpesviruses  
W--> 4 <130> FILE REFERENCE: Le A 36 269  
C--> 5 <140> CURRENT APPLICATION NUMBER: US/10/541,886  
C--> 5 <141> CURRENT FILING DATE: 2005-07-07  
W--> 5 <160> NUMBER OF SEQ ID: 1  
6 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply  
Corrected Diskette Needed

(pg. 1,5)

## ERRORED SEQUENCES

E--> 7 <210> SEQ ID NO: 1<211> 1370<212> PRT<213> Human cytomegalovirus  
E--> 8 <211> LENGTH:  
E--> 8 <212> TYPE:  
E--> 8 <213> ORGANISM:  
W--> 8 <400> SEQUENCE: 1

9	Met	Glu	Asn	Trp	Ser	Ala	Leu	Glu	Leu	Leu	Pro	Lys	Val	Gly	Ile	Pro
10	1			5							10				15	
11	Thr	Asp	Phe	Leu	Thr	His	Val	Lys	Thr	Ser	Ala	Gly	Glu	Glu	Met	Phe
12				20				25					30			
13	Glu	Ala	Leu	Arg	Ile	Tyr	Tyr	Gly	Asp	Asp	Pro	Glu	Arg	Tyr	Asn	Ile
14			35					40					45			
15	His	Phe	Glu	Ala	Ile	Phe	Gly	Thr	Phe	Cys	Asn	Arg	Leu	Glu	Trp	Val
16		50					55				60					
17	Tyr	Phe	Leu	Thr	Ser	Gly	Leu	Ala	Ala	Ala	Ala	His	Ala	Ile	Lys	Phe
18	65					70				75				80		
19	His	Asp	Leu	Asn	Lys	Leu	Thr	Thr	Gly	Lys	Met	Leu	Phe	His	Val	Gln
20				85						90				95		
21	Val	Pro	Arg	Val	Ala	Ser	Gly	Ala	Gly	Leu	Pro	Thr	Ser	Arg	Gln	Thr
22			100						105					110		
23	Thr	Ile	Met	Val	Thr	Lys	Tyr	Ser	Glu	Lys	Ser	Pro	Ile	Thr	Ile	Pro
24			115					120					125			
25	Phe	Glu	Leu	Ser	Ala	Ala	Cys	Leu	Thr	Tyr	Leu	Arg	Glu	Thr	Phe	Glu
26		130					135					140				
27	Gly	Thr	Ile	Leu	Asp	Lys	Ile	Leu	Asn	Val	Glu	Ala	Met	His	Thr	Val
28	145				150					155					160	
29	Leu	Arg	Ala	Leu	Lys	Asn	Thr	Ala	Asp	Ala	Met	Glu	Arg	Gly	Leu	Ile
30				165					170					175		
31	His	Ser	Phe	Leu	Gln	Thr	Leu	Leu	Arg	Lys	Ala	Pro	Pro	Tyr	Phe	Val
32			180						185					190		
33	Val	Gln	Thr	Leu	Val	Glu	Asn	Ala	Thr	Leu	Ala	Arg	Gln	Ala	Leu	Asn
34			195					200					205			
35	Arg	Ile	Gln	Arg	Ser	Asn	Ile	Leu	Gln	Ser	Phe	Lys	Ala	Lys	Met	Leu

Inserted spacing & indentation  
For each  
Numeric  
identifier

DATE: 08/28/2006

TIME: 10:30:24

Output Set: N:\CRF4\08282006\J541886.raw

file:///C:/CRF4/Outhold/VsrJ541886.htm

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/541,886

DATE: 08/28/2006

TIME: 10:30:24

Input Set : A:\SQL Le A 36 269.txt

Output Set: N:\CRF4\08282006\J541886.raw

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85 Leu Cys Tyr Leu Val Asp Val Leu Val His Gly Asn Val Asp Ala Phe
86      610      615      620
87 Leu Leu Ile Arg Thr Phe Val Ala Arg Cys Ile Val Asn Met Phe His
88 625      630      635      640
89 Thr Arg Gln Leu Leu Val Phe Ala His Ser Tyr Ala Leu Val Thr Leu
90      645      650      655
91 Ile Ala Glu His Leu Ala Asp Gly Ala Leu Pro Pro Gln Leu Leu Phe
92      660      665      670
93 His Tyr Arg Asn Leu Val Ala Val Leu Arg Leu Val Thr Arg Ile Ser
94      675      680      685
95 Ala Leu Pro Gly Leu Asn Asn Gly Gln Leu Ala Glu Glu Pro Leu Ser
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97 Ala Tyr Val Asn Ala Leu His Asp His Arg Leu Trp Pro Pro Phe Val
98 705      710      715      720
99 Thr His Leu Pro Arg Asn Met Glu Gly Val Gln Val Val Ala Asp Arg
100      725      730      735
101 Gln Pro Leu Asn Pro Ala Asn Ile Glu Ala Arg His His Gly Val Ser
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104      755      760      765
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108 785      790      795      800
109 Gly Leu Asn Leu Lys Thr Leu Leu Val Asp Leu Phe Tyr Arg Pro Ala
110      805      810      815
111 Phe Leu Leu Met Pro Ala Ala Thr Ala Val Ser Thr Ser Gly Thr Thr
112      820      825      830
113 Ser Lys Glu Ser Thr Ser Gly Val Thr Pro Glu Asp Ser Ile Ala Ala
114      835      840      845
115 Gln Arg Gln Ala Val Gly Glu Met Leu Thr Glu Leu Val Glu Asp Val
116      850      855      860
117 Ala Thr Asp Ala His Thr Pro Leu Leu Gln Ala Cys Arg Glu Leu Phe
118 865      870      875      880
119 Leu Ala Val Gln Phe Val Gly Glu His Val Lys Val Leu Glu Val Arg
120      885      890      895
121 Ala Pro Leu Asp His Ala Gln Arg Gln Gly Leu Pro Asp Phe Ile Ser
122      900      905      910
123 Arg Gln His Val Leu Tyr Asn Gly Cys Cys Val Val Thr Ala Pro Lys
124      915      920      925
125 Thr Leu Ile Glu Tyr Ser Leu Pro Val Pro Phe His Arg Phe Tyr Ser
126      930      935      940
127 Asn Pro Thr Ile Cys Ala Ala Leu Ser Asp Asp Ile Lys Arg Tyr Val
128 945      950      955      960
129 Thr Glu Phe Pro His Tyr His Arg His Asp Gly Gly Phe Pro Leu Pro
130      965      970      975
131 Thr Ala Phe Ala His Glu Tyr His Asn Trp Leu Arg Ser Pro Phe Ser
132      980      985      990
133 Arg Tyr Ser Ala Thr Cys Pro Asn Val Leu His Ser Val Met Thr Leu

```

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TIME: 10:30:24

Input Set : A:\SQL Le A 36 269.txt

Output Set: N:\CRF4\08282006\J541886.raw

134	995	1000	1005
135	Ala Ala Met Leu Tyr Lys Ile Ser Pro Val Ser Leu Val Leu Gln		
136	1010	1015	1020
137	Thr Lys Ala His Ile His Pro Gly Phe Ala Leu Thr Ala Val Arg		
138	1025	1030	1035
139	Thr Asp Thr Phe Glu Val Asp Met Leu Leu Tyr Ser Gly Lys Ser		
140	1040	1045	1050
141	Cys Thr Ser Val Ile Ile Asn Asn Pro Ile Val Thr Lys Glu Glu		
142	1055	1060	1065
143	Arg Asp Ile Ser Thr Thr Tyr His Val Thr Gln Asn Ile Asn Thr		
144	1070	1075	1080
145	Val Asp Met Gly Leu Gly Tyr Thr Ser Asn Thr Cys Val Ala Tyr		
146	1085	1090	1095
147	Val Asn Arg Val Arg Thr Asp Met Gly Val Arg Val Gln Asp Leu		
148	1100	1105	1110
149	Phe Arg Val Phe Pro Met Asn Val Tyr Arg His Asp Glu Val Asp		
150	1115	1120	1125
151	Arg Trp Ile Arg His Ala Ala Gly Val Glu Arg Pro Gln Leu Leu		
152	1130	1135	1140
153	Asp Thr Glu Thr Ile Ser Met Leu Thr Phe Gly Ser Met Ser Glu		
154	1145	1150	1155
155	Arg Asn Ala Ala Ala Thr Val His Gly Gln Lys Ala Ala Cys Glu		
156	1160	1165	1170
157	Leu Ile Leu Thr Pro Val Thr Met Asp Val Asn Tyr Phe Lys Ile		
158	1175	1180	1185
159	Pro Asn Asn Pro Arg Gly Arg Ala Ser Cys Met Leu Ala Val Asp		
160	1190	1195	1200
161	Pro Tyr Asp Thr Glu Ala Ala Thr Lys Ala Ile Tyr Asp His Arg		
162	1205	1210	1215
163	Glu Ala Asp Ala Gln Thr Phe Ala Ala Thr His Asn Pro Trp Ala		
164	1220	1225	1230
165	Ser Gln Ala Gly Cys Leu Ser Asp Val Leu Tyr Asn Thr Arg His		
166	1235	1240	1245
167	Arg Glu Arg Leu Gly Tyr Asn Ser Lys Phe Tyr Ser Pro Cys Ala		
168	1250	1255	1260
169	Gln Tyr Phe Asn Thr Glu Glu Ile Ile Ala Ala Asn Lys Thr Leu		
170	1265	1270	1275
171	Phe Lys Thr Ile Asp Glu Tyr Leu Leu Arg Ala Lys Asp Cys Ile		
172	1280	1285	1290
173	Arg Gly Asp Thr Asp Thr Gln Tyr Val Cys Val Glu Gly Thr Glu		
174	1295	1300	1305
175	Gln Leu Ile Glu Asn Pro Cys Arg Leu Thr Gln Glu Ala Leu Pro		
176	1310	1315	1320
177	Ile Leu Ser Thr Thr Thr Leu Ala Leu Met Glu Thr Lys Leu Lys		
178	1325	1330	1335
179	Gly Gly Ala Gly Ala Phe Ala Thr Ser Glu Thr His Phe Gly Asn		
180	1340	1345	1350
181	Tyr Val Val Gly Glu Ile Ile Pro Leu Gln Gln Ser Met Leu Phe		
182	1355	1360	1365

RAW SEQUENCE LISTING

DATE: 08/28/2006

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Input Set : A:\SQL Le A 36 269.txt

Output Set: N:\CRF4\08282006\J541886.raw

183 Asn Ser

184 1370

186 Le A 36 269-Foreign countries

188 - 5 -

191 Le A 36 269

194 1/1 -

deleted

## VERIFICATION SUMMARY

DATE: 08/28/2006

PATENT APPLICATION: US/10/541,886

TIME: 10:30:25

Input Set : A:\SQL Le A 36 269.txt

Output Set: N:\CRF4\08282006\J541886.raw

L:3 M:283 W: Missing Blank Line separator, <120> field identifier  
L:4 M:283 W: Missing Blank Line separator, <130> field identifier  
L:5 M:270 C: Current Application Number differs, Replaced Current Application No  
L:5 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:5 M:283 W: Missing Blank Line separator, <160> field identifier  
L:7 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 1<211> 1370<212>  
PRT<213> Human cytomegalovirus  
L:7 M:283 W: Missing Blank Line separator, <210> field identifier  
L:8 M:282 E: Numeric Field Identifier Missing, <211> is required.  
L:8 M:282 E: Numeric Field Identifier Missing, <212> is required.  
L:8 M:282 E: Numeric Field Identifier Missing, <213> is required.  
L:8 M:283 W: Missing Blank Line separator, <400> field identifier